

WALCZOK, F.; DOSTAL, J.; TOMASEK, J.

Choice of general anesthetic in malformation of the jaw. Rozhl.  
chir. 43 no.6:385-390 Je'64

1. Chirurgické oddelení Krajské nemocnice v Ostravě (vedoucí:  
doc. dr. K. Typovský, CSc.) a Stomatologické oddelení  
Krajské nemocnice v Ostravě (vedoucí: MUDr. V. Kopec).

L 20069-66 EHT(m)/EWP(t) JD

ACC NR: AP6011082

SOURCE CODE: CZ/0017/65/054/011/0519/0527

AUTHOR: Klimek, Adolf (Engineer; Candidate of sciences); Tomasek, Jaroslav  
(Engineer; Candidate of sciences)

53  
B

ORG: Research Institute of Strong-Current Engineering, Bechovice (Vyzkumny ustav silnoproute elektrotechniky)

TITLE: Symmetric semiconductor power switches

SOURCE: Elektrotechnicky obzor, v. 54, no. 11, 1965, 519-527

TOPIC TAGS: semiconductor device, electric switch, switching circuit

ABSTRACT: The article describes new symmetric semiconductor power switches -- five-layer elements and threshold switches. The structure, manufacturing procedures and principal properties of the five-layer semiconductor elements are described. The article then deals with the main switching, controlling and protective circuits with symmetric semiconductor switches. Orig. art. has: 16 figures, 7 formulas, and 1 table. [JPRS]

SUB CODE: 09 / SUBM DATE: 13Aug65 / ORIG REF: 003 / OTH REF: 009  
SOV REF: 001

Card 1/1

ULR

UDC: 621.382.3.064: 621.316.5

2

TOMASEK, Jaroslav, ins.

Four-layer diodes. Slaboproudy obzor 25 no. 5:247-255 My '64.

Circuits with four-layer diodes. Ibid.:270-277

Measurement of four-layer diodes. Ibid :288-292

1. Institute of Information Theory and Automation, Czechoslovak Academy of Sciences, Prague.

TOMASEK, Jaroslav, inz.

Magnetic logical elements. Elektrotechnik 18 no.9:255-258  
8'63.

1. Ustav teorie informace a automatizace, Ceskoslovenska  
akademie ved, Praha.

TOMASEK, J.

New meat packing factory in Zvolen. Tech praca 15 no.7:508-  
511 JI '63.

TOMASEK, J.

~~DOLEZEL, R.~~

3

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologické odd. Krajské nemocnice a poliklinikou v Ostravě), Ostrava; Director: V. KOPEC, MD.

Prague, Coskoslovenska stomatologie, No 5, Sep 62, pp 328-336.

"General Use of Glucocorticoids in Stomatology."

Co-authors:

TOMASEK, J., Intern Section, Kraj Hospital and Polyclinic (Interní oddelení Krajské nemocnice a poliklinikou v Ostravě), Ostrava; Director: J. CERNY, MD.; SPRINDRICHOVA, D., Stomatology Section, Kraj Hospital and Polyclinic, Ostrava.

TOMASEK, J.

Czechoslovakia

2

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologické oddelení krajské nemocnice s poliklinikou v Ostravě), Ostrava; Director: V. KOPEC, MD.

Prague, Cezkoslovenska stomatologie, No 5, Sep 62, pp 337-342.

"Local Application of Hydrocortisone in the Treatment of Periodontitis".

Coauthors:

DOLECEK, R., Stomatology Section, Kraj Hospital and Polyclinic;  
SPRINDRICOVA, D., Intern Section, Kraj Hospital and Polyclinic,  
Ostrava.

(3)

TOMASEK, J.

(1)

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologicke oddeleni krajske nemocnice s poliklinikou v Ostrave), Ostrava; Director: V. KOPEC, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 337-342.

"Local Application of Hydrocortisone in the Treatment of Periodontitis".

Coauthors:

DOLECEK, R., Stomatology Section, Kraj Hospital and Polyclinic;  
SPRINDRICOVA, D., Intern Section, Kraj Hospital and Polyclinic,  
Ostrava.

(3)

S/137/61/000/008/003/037  
A060/A101

AUTHOR: Tomášek, Josef

TITLE: Two-vat recuperation smelting-furnace with uniform heat-input and charge heating

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1961, 11, abstract 8B65  
(Czechoslovak patent no. 94976, 15. 04. 60)

TEXT: A design is proposed for a two-vat recuperation furnace with gas heating of the Fe sponge obtained in a revolving furnace (see Fig.). The Fe sponge drops from the revolving furnace 3 into the vertical separation-furnace 2, possessing three compartments heated by a mixture of air and gas from the gas conduit with burners 10, 11. The rotation of the separation furnace is automatically controlled by the pyrometer 20. In the separation furnace 2 the sponge is separated from the slag and drops at the point 21 into the upper vat 13 of the smelting furnace. The furnace is heated by a mixture of air and gas at the point 9 from the burners 10, 11 to which the gas is fed from the coil 4, and the air - along the coil 5 placed concentrically in channel 1 over the crowns of vats 13 and 14. The input part of the air and gas conduits is designated by the Fig. 7, ✓  
Card 1/2

S/137/61/000/008/003/037  
AO60/A101

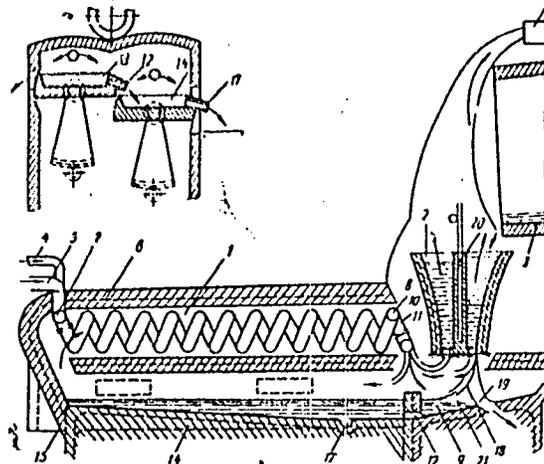
Two-vat recuperation smelting-furnace ...

the output part by 8. The exhaust gases from the work space over the vats 13 and 14 proceed along the flue 15 into the recuperation channel 6, and from it are withdrawn along the flue 16 together with the exhaust gases of the revolving furnace 3. The vat 13 in which the separation of the primary slag from the melted sponge proceeds, is located above the vat 14. The primary slag is let out through the safety drain 19 into the channel 18. After the primary slag is separated, the metal is transferred from 13 through the opening 12 into 14, and here it is supplied with synthetic slag of required composition. In 14 one obtains the steel of the required chemical composition and pours it off periodically through the tap 17.

S. Glebov

[Abstracter's note: Complete translation]

Card 2/2



DOSTAL, J.; TOMASEK, J.

Effect of anesthesia on the activity of enzymes (GPT, GOT, GGT) in the blood serum. (On the problem of hepatic toxicity of halothane). Rozhl. chir. 44 no.8:574-579 Ag '65.

1. Anesteziologicke oddeleni (vedouci MUDr. F. Walczok) a stomatochirurgicke oddeleni (vedouci MUDr. V. Kopec) Krajske nemocnice s poliklinikou v Ostrave.

TOMASEK, J., inz.

"Electronic amplifiers for industrial installations" by  
B. Wagner. Reviewed by J. Tomasek. Elektrotechnik 17  
no.10:303 0 '62.

1. Ustav teorie informace a automatizace, Ceskoslovenska  
akademie ved.

TOMASEK, V.; MIKES, O.; HOLEYSOVSKY, V.; SORM, F.

On proteins. Pt. 91. Coll Cz Chem 29 no.12:3122-3156 D '64

1. Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague.

*Encl.*

4

HOLEYŠOVSKÝ, V; ALEXIJEV, B; TOMÁŠEK, V; MIKEŠ, O; ŠORM, F.  
Czechoslovakia

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences -- Prague (for  
all: Alexijev presently at th Institute of  
Chemical Technology -- Sofia, Bulgaria)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 11, 1962, pp 2662-2679

"On Proteins. LXXVIII. Peptides Isolated from the  
Soluble Amount of a Tryptic Digest of S-sulpho-  
Trypsinogen."

Country : YUGOSLAVIA  
Category : Farm Animals. Q  
          : The Honeybee.  
Abs. Jour : Ref Zmur-Biol., No 21, 1958, 96949  
Author :  
Institut. :  
Title :

Orig Pub. :

Abstract : results for a slightly afflicted colony (10-20 modified larvae, covered and not covered by a lid on each frame); a month later the colony recovered completely. The bees which were treated with penicillin were not sufficiently active in removing perished larvae from honeycombs. The conclusion is made that the effect of penicillin is inferior in its result to the effects of streptomycin and terramycin; therefore penicillin should only be used when the

Card: 2/3

Country : YUGOSLAVIA  
Category : Farm Animals. 9  
          : The Honeybee.  
Abs. Jour : Ref Zhur-Biol., No 21, 1953, 96949  
Author :  
Institut. :  
Title :  
Orig Pub. :  
Abstract : two other antibiotics are not available. --  
          : V. A. Kanzyuba

Card: 3/3

TOMASH, K.K.; DAVYDOV, I.P.; NEFEDKINA, Ye.B.

Exchange of advanced experience in the production of casting  
equipment. Ogneupory 29 no.12:575-577 '64.

(MIRA 18:1)

1. Zaporozhskiy ogneupornyy zavod (for Tomash, Davydov).
2. Gosmetallurgkomitet (for Nefedkina).

TOMASH, K.K., inzh.; MASLOV, V.D., inzh.

Manufacture of magnesia-spinel refractories and their use in open-hearth furnace roofs. Stal' 23 no.1:20-22 Ja '63. (MIRA 16:2)

1. Zaporozhskiy zavod ogneporov i Gosudarstvennaya inspektsiya po sluzhbe i kachestvu ogneporov.

(Refractory materials)

(Open-hearth furnaces—Design and construction)

TOMASIC, K.

In memoriam Dr. Anton Nemanic. Tuberkulosa, Beogr. 8 no.3-4:  
267-268 May-Aug 56.

(OBITUARIES  
Nemanic, Anton (Ser))

ACCESSION NR: AP4033031

Z/0039/64/025/005/0288/0292

AUTHOR: Tomasek, Jaroslav (Tomasek, Y.) (Engineer)

TITLE: Measurements on four-layer diodes

SOURCE: Slaboproudy obzor, v. 25, no. 5, 1964, 288-292

TOPIC TAGS: diode, diode property, four layer diode, diode capacitance, voltage dependence

ABSTRACT: The article describes the principal methods and circuits for measuring the most important parameters and properties of four-layer diodes. The most simple circuits for measuring the characteristic data of the volt-amp response and their temperature dependences are stated. The capacitance of the four-layer-diode is explained as well as its voltage dependence and the ways of measuring it. The final part contains a definition and measurement of the switching times of a four-layer diode. The measurement of the switching voltage decay during the firing of the diode by steep pulses is also given. Orig. art. has: 12 figures.

Card 1/2

ACCESSION NR: AP4033031

ASSOCIATION: Ustav teorie informace a automatizace CSAV, Prague (Institute of Information Theory and Automation, Czech Academy of Sciences)

SUBMITTED: 21Dec63

DATE ACQ: 15May64

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 006

Card 2/2

ACCESSION NR: AP4033029

Z/0039/84/025/005/0270/0277

AUTHOR: Tomasek, Jaroslav (Tomashek, Y.) (Engineer)

TITLE: Circuits with four-layer diodes

SOURCE: Slaboproudny obzor, v. 25, no. 5, 1964, 270-277

TOPIC TAGS: diode, four layer diode, circuit, circuit design

ABSTRACT: The article treats the possibilities of using four-layer diodes in various circuits. In the first part the static and dynamic properties of four-layer diodes are stated briefly and principles of general validity are determined for developing and designing the circuits containing these diodes. The most important and representative circuits with these diodes are given in the second part of the article, which contains a detailed exposition on their function and the main data for the calculation of the circuits. Orig. art. has: 17 figures.

Card 1/2

ACCESSION NR: AP4033029

ASSOCIATION: Ustav teorie informace a automatizace CSAV, Prague (Institute of Information Theory and Automation, Czech Academy of Sciences)

SUBMITTED: 21Dec63

DATE ACQ: 15May64

ENCL: 00

SUB CODE: EE

NO REF SOV: 000

OTHER: 009

Card 2/2

ACCESSION NR: AP4033026

Z/0039/64/025/005/0247/0255

AUTHOR: Tomasek, Jaroslav (Tomashek, Y.) (Engineer)

TITLE: Four-layer diodes

SOURCE: Slaboprouty obzor, v. 25, no. 5, 1964, 247-255

TOPIC TAGS: diode, four layer diode, silicon semiconductor, semiconductor, diode breakdown, diode theory

ABSTRACT: New semiconductor devices -- silicon four-layer diodes -- are described. Their structure is described briefly as well as their manufacture, their static properties, parameters, temperature influences etc.; a detailed survey of types developed and produced is given. The theory of the physical phenomena occurring in four-layer diodes is described in the main part of the article. The conditions of breakdown within a four-layer diode are determined on the basis of this theory, the static volt-amp response is analyzed, and the equivalent circuit derived. Finally, the most important dynamic properties of four-layer diodes are described. Orig. art. has: 14 graphics.

Card 1/2

ACCESSION NR: AP4033026

ASSOCIATION: Ustav teorie informace a automatizace CSAV, Prague (Institute of Information Theory and Automation, Czech Academy of Sciences)

SUBMITTED: 21Dec63

DATE ACQ: 15May64

ENCL: 00

SUB CODE: EC

NO REF SJV: 002

OTHER: 014

Card 2/2

TOMASEK, J.

Economic problems concerning capital investments in the food industry. p. 281.

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha, Czechoslovakia,  
Vol. 10, no. 6, June 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959

uncl.

*Tomasok T*

plained. With better aeration better yields were reached, and still higher yields were reached with O<sub>2</sub> agitation. The process of submersion fermentation is explained.

*AT*

TOMASEK, JAROSLAV

SURNAME, Given Names

Country: Czechoslovakia

3

Academic Degrees: (not given)

Affiliation: Stomatology Department, Kralup Hospital (Stomatologieke odd. Krajske nemocnice) Ostrava /Director V. KOPEC, MD/

Source: Prague, C. skoslovenska Stomatologie, Vol 61, No 4, July 61; pp299-305

Data: "Our Experience with Supperlosta Implants"

KOPEC, Vaclav

TOMASEK, Jaroslav

GPO 981643

(C. 11111111, J)  
DOLECEK, R.

## CZECHOSLOVAKIA

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologicke odd. Krajske nemocnice s poliklinikou v Ostrave), Ostrava; Director: V. KOPEC, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 328-336.

"General Use of Glucocorticoids in Stomatology."

Co-authors:

TOMASEK, J., Intern Section, Kraj Hospital and Polyclinic (Interni oddeleni Krajske nemocnice s poliklinikou v Ostrave), Ostrava; Director: J. CERNY, MD.; SPRINDRICOVA, D., Stomatology Section, Kraj Hospital and Polyclinic, Ostrava.

(4)

ACCESSION NR: AP4023740

Z/0014/64/000/003/0103/0105

AUTHOR: Tomasek, Karel (Engineer)

TITLE: Temperature measurements of the most frequently-used Soviet germanium transistors

SOURCE: Sdelovaci technika, no. 3, 1964, 103-105

TOPIC TAGS: transistor, germanium transistor, Soviet transistor, Soviet germanium transistor, transistor temperature measurement, transistor junction temperature, transistor heat resistance measurement, semiconductor

ABSTRACT: One of the main parameters limiting the use of transistors and semiconductor elements in general is the crystal's junction temperature  $T_{jmax}$  which should not be exceeded. The aim of the transistor manufacturer is to remove the heat from the transistor as much as possible. The heat resistance is an indicator as to how well this heat is removed. Article gives results of heat measurements for the most frequently-used Soviet transistor. These include the P4B, P14, P26, P202 and P403 transistors. The amount of heat resistance k

Card 1/3

ACCESSION NR: AP4023740

of a transistor is not measured directly but computed from the equation

$$P = \frac{T_j - T_a}{k} \quad [\text{W} \cdot \text{C}, \text{C}/\text{W}] \quad (1)$$

where  $k$  is the so-called total heat resistance, given either in  $^{\circ}\text{C}/\text{watt}$  or  $^{\circ}\text{C}/\text{milliwatts}$ . The junction temperature  $T_j$  is determined indirectly by measuring some temperature-dependent parameter such as measurement of voltage drop in a p-n junction in the conductive direction at a constant current. Author measured the voltage drop  $U_{CB}$  at  $I_c = \text{a constant}$ . The measurements consisted of two parts:  $U_{CB} = F(T_j; I_c = \text{a constant})$  and  $U_{CB} = F(P_c; T_a = \text{a constant})$ .  $P_c$  denotes the collector losses and  $T_a$  the ambient temperature. A copper cooling plate lowers the total heat resistance in the P4B transistor by 25% in comparison with a duraluminum plate of the same size. A gap of 0.25 mm between the P4B transistor and cooling surface causes a rise in heat resistance of approximately 2C/watt at  $P_c = 3$  watts. The total heat resistance of the P4B transistors packed in a flat mounting plate is lowered by 30% in comparison with separate transistors. A triple impregnation of the flat mounting panel,

Card 2/3

ACCESSION NR: AP4023740

in which the P14 transistor was placed, with the O-1905 electric insulating varnish causes a reduction in the heat resistance by about 70% at  $P_c = 100$  milliwatts in comparison with a non-impregnated panel. These findings can also be applied to other types of transistors. Orig. art. has: 11 figures, 4 equations and 1 table.

ASSOCIATION: ncne

SUBMITTED: 00

DATE ACQ: 15Apr64

ENCL: 00

SUB CODE: GE, PH

NO REF SOV: 004

OTHER: 000

Card 3/3

TMASEK, E.

Studies of the Harden-Young Effect. II. Preparation and isolation of phosphate esters of sugars.

p. 562. (Chemicky Prumysl. Vol. 7, no. 2, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

TOMASEK, K.

"Studies of the Harden-Young effect. III. Paper chromatography of the phosphoric acid esters of sugar."

p. 615 (Chemicke Zvesti) Vol. 11, no. 10, Oct. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

TOMANEK, Karel, inv.

Present state of transistor reliability tests in Czechoslovakia.  
Sa spoje 9 no.5:15-21 0 '64.

1. Research Institute of Telecommunication, Prague.

TOMASEK, Karel, inz.

Dependence of the NPN transistor parameters on the working point position. Sdel tech 11 no.10:390-391 0 '63.

TOMASEK, Karel, inz.

Thermal conditions of very widely used Soviet germanium transistors. Sdel tech 12 no. 3:103-105 Mr '64.

TOMASEK, K. (Prague)

Conversion nomograms for transistor parameters. Hir techn 15  
no.12:366-369 D '64.

3

7

✓ Theory of Tamm surface states in an approximation higher than the tight-binding approximation. M. Tomášek and J. Kouřecký, Czech Acad. Sci., Prague. ~~Czechoslov. J. Phys. 10, 203-74 (1960)~~ in English. — T. and K. describe the influence of the nonzero value of exchange integrals between Wannier functions localized in nonneighboring elementary cells (higher approximation than tight-binding), on the conditions of existence of Tamm surface states (CA 26, 5337) and the position of the energy level corresponding to the surface state. 17 references.  
A. Kremheller

IVRADA, P.

"Compensation for Master Workers." p. 212, Praha, Vol. 2, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

TCMASEK, P.

"Tasks of Foremen in Factories of the Ministry of Heavy Machinery." p. 148  
(Strojirenstvi, Vol. 3, no. 2, Feb. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

TOHSE, S.

Tomash, P.; Matas, S.

Compensation for master workers. P. 212

SO: East European Accessions List, Vol. 3, No. 9, Sept. 1954, Lib. of Congress

Hematology

CZECHOSLOVAKIA UDC 616.61-008.64-036.12:616.155.194

NEUWIRTOVA, R.; VALEK, A.; TOMASEK, R.; BROULIK, P.; 2nd Internal Clinic, Faculty of General Medicine, Charles University (II. Interni Klinika Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr F. HERLES; Institute of Experimental Pathology Fac. of Gen. Med. Charles University (Ustav Experimentalni Patologie Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr T. TRAVNICEK.

"Red Cell Formation in Patients after Prolonged Dialysis in Chronic Renal Insufficiency."

Prague, Casopis Lekarů Českých, Vol 105, No 51, 16 Dec 66, pp 1393 - 1397

Abstract [Authors' English summary modified]: Prolonged dialysis helps the formation of red blood cells in patients suffering from renal insufficiency. The reduction in the retention of break-down products of nitrogen metabolism improves erythropoiesis, but the hemolytic effect of erythrocytes is not eliminated. Regeneration of the bone marrow is not intensive enough to improve anemia. When the dialysis with the artificial kidney is satisfactory, hemoglobin can be maintained above 9g%. 1 Czech, 2 Russian references.

SVORAD, D.; TOMÁŠEK, R.; FRIČ, P.

Experimental studies on sleep therapy with the application of combinations of various inhibitory stimuli. *Physiol. bohém.* 5 no.2:177-187 1956.

1. Fiziologicheskij institut Chekoslovatskoy Akademii Nauk, Praga.  
(SLEEP, effects,  
exper. sleep ther. with various inhib. factors (Rus))

Country : Czechoslovakia  
Category= : Human and Animal Physiology, Circulation T  
Abs. Jour. : Ref Zhur Biol, No. 2, 1959, No. 8028  
author : Sova J., Tomasek R., Vanista J.  
Institut. : --  
Title : Chronometric Investigation of the Phases of the  
Cardiac Cycle by the Polygraphic Method.  
Orig. Pub. : Sbor. lekar., 1957, 59, No. 2, 51--66

Abstract : Simultaneous recordings were made and compared of the EKG, phonocardiogram and carotid artery pulse of 20 healthy subjects aged 20 to 35 and 44 patients with hypertensive disease. In the healthy subjects (with a cycle length of 0.8 seconds) the preisometric phase (deformation time) averages 61 milliseconds, the isometric phase 37, the tension period 96, the emptying period 279, mechanical systole 310, electromechanical systole 378 and electrical systole 360 milliseconds. The reduction in the duration of

Card: 1/3

Country : Czechoslovakia  
Category : Human and Animal Physiology, Circulation

Abs. Jour. : Ref Zhur Biol, No. 2, 1959, No. 8028

Instit. :  
Title :

Orig Pub. :

Abstract : the isometric phase and the entire tension period in the face of an unchanged or even prolonged emptying period attests to the good compensatory capacity of cardiac muscle. In the presence of hypertension the preisometric phase is prolonged only in cardiac decompensation, the isometric and tension phases are prolonged in proportion to the extent of the disease, the emptying phase is shortened in the more severe forms of hypertension, while mechanical and electromechanical systole are not altered. Changes in the duration of the phases of tension

Card: 2/3

SOVA, Jou.; TOMASEK, R.; VANISTA, J.

Chronometric determination of systole of the heart by a polygraphic method. II. Cardiac dynamics in hypertension. Sborn. lek. 59 no.2: 56-66 Feb 57.

I. II. interni klinika fakulty vseobecného lékařství university Karlovy v Praze, přednosta prof. MUDr. Fr. Herles. Adres autora: Doc. Dr. J. S., II interni klinika Praha 2-499.

(HEART, physiol.

systole dynamics in hypertension, chronometric determ. by polygraphic method (Cz))

(HYPERTENSION, physiol.

systole dynamics, chronometric determ. by polygraphic method (Cz))

SOVA, Jos.; TOMASEK, R.; VANISTA, J.

Chronometric determination of the systole of the heart by a polygraphic method. III. Mitral valve stenosis & insufficiency; aortic stenosis. Sborn. lek. 59 no.10:316-325 Oct 57.

1. II. interni klinika fakulty vseobecneho lekarstvi university Karlovy v Praze, prednosta prof. MUDr. Dr. Herles. Doc. D. J. S., II. interni klinika, U nemocnice 2, Praha 2.

(HEART, physiol.

systole dynamics in mitral stenosis, mitral valve insuff. & aortic stenosis, chronometric determ. by polygraphic method (Cz))

(MITRAL STENOSIS, physiol.

systole dynamics of heart contraction, chronometric determ. by polygraphic method (Cz))

(AORTIC VALVE, stenosis same)

(MITRAL VALVE, dis.

insuff., systole dynamics of heart contraction, chronometric determ. by polygraphic method (Cz))

TOMASEK, R.; JEZEK, Vl.

Chronometry of cardiac systole in acute renal failure. Sborn. lek.  
63 no.9:269-276 8:61.

1. II. interni kliniki fakulty vseobecneho lekarstvi Karlovy  
university v Praze, prednosta prof. dr. F. Herles.  
(ACUTE RENAL FAILURE physiol.) (HEART physiol.)

SOVA, J.; KOLAR, M.; JEZEK, V.; TOMASEK, R.

Coronary atherosclerosis and the  $^{131}\text{I}$ -triolein tolerance test. Cor vasa 5 no.3:184-189 '63.

1. The Second Clinic of Internal Medicine, and the Institute of Biophysics, Charles University, Prague.

(CORONARY DISEASE) (LIPID METABOLISM)  
(TRIOLEIN) (IODINE ISOTOPES, DIAGNOSTIC)

JEZEK, V.; TOMASEK, R.

Positive inotropic effect of calcium on the myocardium. Sborn.  
lek. 66 no. 2: 49-54 F'64

I. II. interni klinika fakulty vseobecneho lekarstvi University  
Karlovy v Praze; prednosta : prof. dr. F. Herles, DrSc.

\*

VALEK, A.; TOMASEK, R.; KOLAR, J.

The significance of the artificial kidney in the treatment of chronic renal insufficiency. Cas. lek. cesk. 104 no.24: 668-672 18 Je'65.

1. II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. F. Herles, DrSc.).

TOMASEK, R.; SERF, B.

Percutaneous insertion of 2 catheters into the femoral vein during the application of artificial kidney. Sborn. lek. 67 no.12:353-358 D ' 65

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta - prof. dr. F. Herles, DrSc.).

TOMASEK, R.; JOHANOVSKA, K.

Effect of disorders of mineral metabolism on the chronometry of heart systole. Sborn. lek. 67 no.1:7-17 Ja '65

Importance of the electrocardiogram in electrolyte changes before hemodialysis with the "artificial kidney" and after its use. Ibid.:18-30

I. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta - prof. dr. F.Herles, DrSc.

INSTRUMENTS AND EQUIPMENT

UDC 616.61-089.28(47)

CZECHOSLOVAKIA

TOMASEK, R.; VALEK, A.; JANKO, L.; 2nd Internal Clinic, Faculty of General Medicine, Charles University (II. Interni Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr F. HERLES; Biophysical Institute, Faculty of General Medicine (Biofyzikalni Ustav Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr Z. DIENSTBIER

"Performance of the Artificial Kidney of Soviet Manufacture."

Prague, Casopis Lekarů Ceských, Vol 105, No 19, 13 May 66, pp 504 - 511

Abstract [Authors' English summary modified]: Tests of the apparatus were conducted in vitro. Urea clearance at a flow rate of 200 ml/min was 135 ml/min, ultra-filtration 4.2 ml/min, the inner impedance 95 torrs. The basic filling volume of the blood path is 150 ml, and including the flowmeter, pump, and tubing 350 ml. Blood space of the dialyzer increases at a flow rate of 200 ml/min by 30 ml above the basic data given above. The efficiency of the kidney should be determined on the basis of permeability, which does not depend either on the flow rate

TOMASEK, V.

70th anniversary of Jan Kabelik. Lok. listy, Brno 6 no.21:672-675  
1 Nov 51. (CJML 21:4)

TOMASEK, V.

Results of flocculation reaction with Fabian's antigens I and II compared with flocculation and Wassermann reaction carried out at the Institute of Microbiology of the State University Hospital in Brno. Cesk. dermat. 27 no.5-7:235-239 Aug 1952. (CIML 23:2)

1. Of the Institute of Hygiene and Bacteriology (Head--Prof. V. Tomasek, M.D.) of Masaryk University in Brno.

TCMASEK, V.  
TCMASEK, V.; KEIL, B.; SEDLACKOVA, J.

"Proteins and Amino Acids. XIV. Quantitative Analysis of Dinitrophenylized Proteins", P. 275, (COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Vol. 18, No. 2, April 1953, Praha, Czech.)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

**"APPROVED FOR RELEASE: 04/03/2001**

**CIA-RDP86-00513R001756210002-7**

**APPROVED FOR RELEASE: 04/03/2001**

**CIA-RDP86-00513R001756210002-7"**

TOMASEK, V.

TOMASEK, V. Proteins. XXV. Specificity of pancreatic proteinases in the fission of clupein. p. 623. Vol. 50, no. 4, Apr. 1956. CHEMICKÉ LISTY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

Tomasch, V.

Med ✓ Proteins. XXXVI. The C-terminal amino acid of clupeine. V. Tomásek (Čsl. akad. věd, Prague). *Chem. Listy* 50, 810-1 (1950); cf. *C.A.* 50, 4181g. — The method consisted of treating 93 mg. clupeine (I) in 1 ml. H<sub>2</sub>O with 2 ml. Ac<sub>2</sub>O, heating the soln. to 60°, evap. to dryness *in vacuo*, treating the residue with 24.7 mg. NH<sub>4</sub>SCN and 4 ml. Ac<sub>2</sub>O, heating 30 min. at 100°, evap. the Ac<sub>2</sub>O *in vacuo*, adding 1 ml. H<sub>2</sub>O, neutralizing with NH<sub>3</sub> to pH 7.5, evap. to dryness, adding 4 ml. 0.1N Ba(OH)<sub>2</sub>, allowing to stand 20 min., satg. with CO<sub>2</sub>, extg. the thiohydantoin with four 10-ml. portions AcOEt, evap. the ext., hydrolyzing the residue with azotropic HBr, 3 hrs. at 155°, evap. the hydrolyzate to dryness *in vacuo*, and subjecting the residue to paper chromatography in BuOH-AcOH. This revealed the presence of arginine, ornithine and glycine. Hydrolysis of I with carboxypeptidase at pH 7.5 and 0° also yielded arginine. Arginine is thus supposed to be the C-terminal amino acid in I. M. Hložický

L

CZECHOSLOVAKIA

HOLEYSOVSKY, V.; TOMASEK, V.; MIKES, O.; DANILOVA, A.S.; SORM, F.

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague - (for all).

Prague, Collection of Czechoslovak Chemical Communications, No 11, November 1965, pp 3936-3952.

"On proteins. Part 98. The disulfide bonds of bovine dip-trypsin."

( 5 )

TOMASEK, V.

"Proteins. XXXVI. C-terminal group of clupein. In Russian."

p. 1072 (Collection of Czechoslovak Chemical Communications. Sbornik  
Chekhoslovatskikh Khimicheskikh Rabot.) Vol. 22, no. 3, June 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

HOLEYSOVSKY, V.; ALEXIJEV, B.; TOMASEK, V.; MIKES, O.; SORM, F.

On proteins. Part 78: Peptides isolated from the soluble amount of tryptic digest of S-sulfotrypsinogen. Coll Cz Chem 27 no.11:2662-2680 N '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague. 2. Present address: Institute of Chemical Technology, Sofia (for Alexijev).

MIKES, O.; HOLEYSOVSKY, V.; TOMASEK, V.; KEIL, B.; SORM, F.

On proteins. Part 76 : Structure of peptides isolated from a tryptic digest of diisopropylphosphoryl-trypsin. Coll Cz Chem 27 no.8:1964-1987 Ag '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

SVEJDA, Jaroslav; PAPOUSEK, F.; TOMASEK, V.; KOHECNY, M.; KOTAS, J.

Histological changes in the lungs of rabbits following a single roentgen ~~ir~~radiation. Cesk. rentgenol. 15 no.4:217-223 '61.

1. I patologickoanatomicky ustav lek. fak. univ. J.E.Purkyne v Brno, prednosta prof. MUDr. Jaroslav Svejda Onkologicky ustav, Brno, reditel doc. dr J.Sprindrich.  
(LUNG radiation eff.) (RADIATION EFFECTS exper.)

SORM, F.; KEIL, B.; VANECEK, J.; TOMASEK, V.; MIKES, O.; MELOUN, B.;  
KOSTKA, V.; HOLEYSOVSKY, V.

Proteins. LXIII. Lower structures in the chains of proteins. Coll Cz  
chem 26 no.2:531-578 F '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak  
Academy of Science, Prague.

(Proteins)

MIKES, O.; HOLESOVSKY, V.; TOMASEK, V.; SORM, F.

On proteins. Part 64: The structure of peptides isolated from peptic hydrolysate of diisopropylphosphoryl-trypsin. Coll Cz Chem 26 no.4: 1048-1064 Ap '61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

(Proteins) (Peptides) (Trypsin)

TOMASEK, V.; HOLEYSOVSKY, V.; MIKES, O.; SORM, F.

Proteins, LXII, Peptides isolated from peptic hydrolysate of diisopropylphosphoryltrypsin. Coll Cz Chem 25 no.9:2369-2375 S '60.  
(EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Proteins) (Peptides) (Trypsin) (Isopropyl group)

QA

Biological Chemistry  
Method - 11

Proteins and amino acids. XII. Quantitative estimation of dinitrophenylated proteins. Bolvoj Kell, Vladimir Tuzilka, and Jana Sedláčková (Central Chem. Inst., Prague, Czech.). *Chem. Listy* 46, 457-61(1952); cf. *C.A.* 46, 6322. A method for the detn. of the basic end groups in proteins has been worked out on the basis of the formation of dinitrophenyl deriva. and their analysis by means of countercurrent distribution and paper chromatography. The method was applied to the detn. of 1 mol. of aspartic acid in beef serum albumin. The analysis was carried out in the dark since the dinitrophenyl deriva. of amino acids are not stable toward the daylight. M. Hudeček

TOMASEK, V.

KEIL, B.; TOMASEK, V.; SEDLACKOVA, J.

On albumins and aminoacids. Part 14. Quantitative analysis of dinitrophenylized albumins [with summary in German]. Sbor.Cekh.khim.rab. 18 no.2:275-284 Ap '53. (MLRA 7:6)

1. Institut organicheskoy khimii Chekhoslovatskoy Akademii nauk, otdeleniye organicheskoy biokhimii, Praga. (Dinitrophenyl) (Albumin)

TOMASEK, Vaclav, Prof. Dr.

Is it possible to adapt Brucella abortus to humans. Cesk. epidem.  
mikrocb. imun. 8 no.5:342-345 Sept 59.

1. Mikrobiologický ústav lek. fak. v Brně.  
(BRUCELLA ABORTUS)

*Dr. V. Tomasek (obituary) Folia Microbiol 7 no 5  
p. 267-8, 1962*

S/081/62/000/023/074/120  
B144/B186

AUTHOR: Tomásek, Zdeněk

TITLE: A method for high-speed treatment of materials for color photography

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 564, abstract 23L312 (Czechosl. patent, 100352, July 15, 1961)

TEXT: To eliminate undesirable effects inherent in the simplified method of processing positive color materials (НИКДИ (NIKFI) method) with acid fixer, it is suggested that the copy be additionally treated, before the final rinsing, in an alkaline fixing solution or in reducing stabilizing solutions (RSS). Examples of RSS: 1) Dibasic sodium salt of ethylene diamine tetra-acetic acid 2 g,  $\text{Na}_2\text{SO}_3$  15 g,  $\text{Na}_2\text{B}_4\text{O}_7$  25 g, water up to 1 l; pH 9.2. 2) Sodium hexametaphosphate 2 g, 40% formalin 25 ml,  $\text{Na}_2\text{SO}_3$  10 g, sodium pyrosulfite 8 g, water up to 1 l; pH 11.5. Composition of the fixer: sodium hexametaphosphate 3 g,  $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$  150 g,  $\text{Na}_2\text{SO}_3$  15 g,  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$  25 g, water up to 1 l; pH 9.5. The method shortens the  
Card 1/2

A method for high-speed...

S/081/62/000/023/074/120  
B144/B186

process, permits a partial regeneration of the decolorized color, increases the rate and efficiency of washing out the residual substances from the copy, and guarantees a high durability of the color image. [Abstracter's note: Complete translation.]

Card 2/2

Tomasek, Z., Dr.

BLEKTA, M., Dr.; JANOUSEK, St., Doc. Dr.; LUKAS, J., prof. Dr.; SOM-  
MEROVA, O.; SEBEK, T., Dr.; TOMASEK, Z., Dr.

Investigations on pregnancy in the population according to certain  
biochemical and hematological factors. Cas.lek.cesk. 91 no.40:1138-  
1144 3 Oct 52.

1. Z II. porodnicke kliniky a ustredni laboratore e fakultniho  
zdravotnickeho' strediska Karlovy university v Praze.

(PREGNANCY, physiology,  
hematol., physiology & biochem. aspects, statist.  
analysis)

TOMASEO, I.

Recent problems in surgical treatment of rectal carcinoma. Acta  
chir. iugosl. 1 no.1-2:141-145 1954.

1. Kirurska klinika Medicinskog fakulteta u Zagrebu.(V.d. Predstojnik  
prof. dr. H.Gjankovic)  
(RECTUM, neoplasms  
\*surg.)

POPOV, N.; LONGHINO, A.; TOMASEO, I.

Successful surgical treatment of two cases of heart injuries.  
Lijec. vjes. 76 no.1-2:24-28 1954.

1. Iz Kirurske klinike Medicinskog fakulteta u Zagrebu.  
(WOUNDS AND INJURIES  
\*heart, knife & bullet inj., surg.)  
(HEART, wounds & injuries  
\*knife & bullet inj., surg.)

*TOMASEVIC, B.*

YUGOSLAVIA / General and Special Zoology. Insects. P  
Harmful Insects and Arachnids. General  
Problems.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96477.

Author : Grujicic, G., Tomasovic, B.

Inst : Not given.

Title : Pests and Diseases of Cultivated Plants, Observa-  
ble in Yugoslavia for 20 years (1934-1953).

Orig Pub: Zashitita bil'a, 1956, 38, 87-106.

Abstract: Observations of the service of plant protection  
are systematized. Harmful insects, arachnids,  
pathogenic fungi, viruses and bacteria are enum-  
erated; species of infested plants, intensity of  
damage, locations and data of exposure are in-  
dicated. -- From the authors' resume.

Card 1/1

16

TOMASEVIC, E.

Problems of antiaircraft defense against jet airplanes. p. 4.  
CIVILNA ZASTITA. (Ministarstvo unutrašnjih poslova. Uprava  
protivavionske zastite) Beograd. Vol. 8, no. 1, Jan./Feb. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress  
Vol. 5, no. 12, December 1956

TOMASEVIC, M.

"The battle formation of antiaircraft units and their use."

p. 714 (Vojno Delo) Vol. 9, no. 10/11, Oct./Nov. 1957  
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

BIRTASEVIC, Bozidar, sanitetski potpukovnik dr.; TOMASEVIC, Milorad, sanitetski major dr.; PEJUSKOVIC, Bozidar, sanitetski major dr.; BICAKCIC, Halim, sanitetski pukovnik dr.; PCPOVIC, Branislav, sanitetski kapetan dr.; PETROVIC, Branislav, sanitetski kapetan I klase dr.

Some influences of military environment of the health conditions during military service. Vojnosanit. pregl. 23 no.1:7-12 Ja '66.

1. Higijensko-epidemioloski odred u Sarajevu; Interno odeljenje Vojne bolnice u Sarajevu; Trupna ambulanta V.P. 1883.

1953/10, p.

"Rhus coriaria in Macedonia and its dendrological analysis." p. 195. (Godisnik. Vol. 1, 1951. Skopje.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.  
Uncl.

TVRTKOVIC, Reuf, sanitetski pukovnik, dr.; TOMASEVIC, Milorad, sanitetski  
major, dr.

Some clinical and epidemiologic aspects of the atypical pneumonia  
syndrome. Vojnosanit. pregl. 22 no.4:223-229 Ap'65.

1. Interno odeljenje, Vojna bolnica u Sarajevu.

TOMASEVIC, Milovan

Contribution to the treatment of optic neuritis. Srpski arh.  
celok. lek. 91 no.7:741-747 JI-Ag'63.

1. Očno odeljenje Opšte bolnice u Nisu. Macelnik: dr. Milovan  
Tomasevic.

\*

YU. I. AVI

DOMAŠIĆ, Tomaz, of the Institute of Parasitology (Insti-  
tut za parazitologiju).

"A Contribution to Knowledge of the Piroplasmosis of Domas-  
tic Animals and Birds in Montenegro."

Magazine, Zbornik Veterinarna, Vol 10, no 3-4, 1962, pp 64-72.

Abstract: [Author's German summary modified] The author  
collected 5529 examples of 11 types of ticks in two years  
of research in Montenegro, the most common (49 percent)  
being *H. bursa*, *I. calcaratus* and *H. excavatum* were found  
in the Mediterranean climate (coastal region) but not else-  
where, and *H. sulcata* in the altered Mediterranean climate  
(around Titograd and Danilovgrad) but not elsewhere, while  
there were only five types in the continental climate zone.  
The following sources of piroplasmids were found: *Babesia*  
*ovis* in 12.32 percent and *Babesia divergens* in  
7.68 percent of blood smears from beef cattle examined, and  
*Babesia ovis* in 3.92 percent and *Piroplasma notasi* in  
8.11 percent of blood smears from sheep. No references.

TOMASEVIC, Tomislav, ing. (Autoput br. 3, Beograd)

Theoretical observations of the summer milk transportation in relation to the temperature changes. Tehnika Jug 17 no.2:372-375 F '62.

1. Chief of the Technical Department of the Federal Dairy Institute, Novi Beograd.

(Milk—Transportation) (Temperature)

TOMASEVIC, VELISLAV.

Sanitarna tehnika za srednje medicinske skole. Beograd, Med. knjiga, 1956. viii, 260 p.

CU Not in DLC

MEDICINE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4  
April 1959, Uncl.

TOMASEVIC, Velislav

Our experiences in supplying water to Servian villages. Glasn. hig. inst., Beogr. 4 no.3-4:89-96 July-Dec 1955.

(WATER SUPPLY,  
in rural cond. in Yugosl. (Ser))  
(RURAL CONDITIONS,  
water supply in Yugosl. (Ser))

TOMASEVSKI

"Xylocopa Linatus attacks Beach Trees. p. 145" (SUMARSKI LIST, Vol. 77,  
No. 3, Mar. 1953, Zagreb, Yugoslavia)

SO: Monthly List of European Accessions, L.C., Vol. 11, Nov. 1953, No. 21, Uncl.

TOMASEVSKI, S.

In what diameter categories and on which exposures does the greatest number of dead and windfallen firs occur? p. 278.

Periodical: SUMARSKI LIST.

Vol. 82, no. 7/8, July/Aug. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEA) LC

Vol. 8, No. 4  
April 1959, Uncl.

TOMASEVSKI, S.

Proportion and distribution of heartwood in beech trees in the Ravna Gora woods, p. 407.

Periodical: SUMARSKI LIST.

Vol. 82, no. 11/12, Nov./ Dec. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4  
April 1959, Uncl.

TOMASEVSKI, S.

Mass decay of elm trees in the Ravna Gora forest reserves. p. 42

SUMARSKI LIST, Zagreb, Vol 80, No. 1/2, Jan/Feb., 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

TOMASEVSKI, S.

Diameter increment during the time of the phytocoenosis of beech and fir trees  
in the Ravna Gora stand. p. 176

SUMARESKI LIST. (Sumarsko drustov Hrvatske) Zagreb, Yugoslavia  
Vol. 83, no. 6/7, June/July 1959

Monthly list of East European Accession (EEAI) Lc Vol. 9, no. 2, 1960  
Uncl.

TOMASEVSKI, S.

Contribution to the determination of the minimum volume of stands after a selection cutting in forests. p. 124.

SUMARSKI LIST (Sumarsko drustov Hrvatske) Zagreb, Yugoslavia  
Vol. 83, no. 4/5, Apr./May 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, 1960  
Uncl.

TOMASEVSKI, S.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

Autumn sowing of the seeds of *P. halepensis*,  
*p. nigra* and *C. sempervirens* in nurseries.  
p. 164. SUMARSKI LIST. Vol. 76, no. 5-6,  
May-June 1952.

East European Accessions List. Library of  
Congress, Vol 2, no. 3, March 1953, UNCLASSIFIED.

TOMASEVSKIS, Sulim; SOROCKINAS, G., spets.red.; MONTRIMAS, J., red.;  
GOTLERIS, D., tekhn.red.

[Norms of output and wages in industrial enterprises] Darbo  
normavimas ir darbo uzmokestis pramonės įmonėse. Vilnius,  
Valstybinė politinės ir mokslinės literatūros leidykla, 1961.  
42 p. (MIRA 15:2)  
(Production standards) (Wages)

TOMASH, K.K.; BONDAREVSKIY, A.M.

Operation of fireclay-burning rotary kilns. Ogneupory 26 no.11:493-  
501 '61. (MIRA 17:2)

1. Zaporozhskiy ogneuporny zavod.

TOMASH, K.K.

All-Chinese refractory workers conference. Ogneupory 23 no.11:  
526-527 '58. (MIRA 11:12)  
(China--Refractory materials)

15(6)

AUTHORS:

Tomash, K. K., Chikurov, I. F.

TITLE:

Pan-Chinese Conference of Experts on Refractory Materials  
(Vsekitayskoye soveshchaniye ogneporshchikov)

PERIODICAL:

Ogneupory, 1958, Nr 11, pp 526-527 (USSR)

ABSTRACT:

in

The conference was held in **Ch'ung-ching/** July 1958. Under discussion were the possibilities of development of the industry of refractory products. The demand for refractory products in 1959 is expected to be three- to four times that of 1958. The creative energy and the enthusiasm of the workers is regarded as a decisive factor in the rapid increase of the production of refractory products. Studies are carried on in the laboratories of scientific research institutes and plants on the performance of refractory products in open-hearth, blast and other industrial furnaces; raw materials and technological processes of the production of high density and great stability refractory products are examined. Reports were given by the **Pekinskiy** institut chernoy metallurgii (**Peking** Institute of Metallurgy) on the production of high density and great resistance magnesite; by the **Shin'yanskiy** institut metallov AN KNR (**Shen-yang** Insti-

Card 1/2

SOV/151-58-11-8/9

Pan-Chinese Conference of Experts on refractory materials

tute of Metals of the AS CPR) on the performance of magnesite bricks on a spinel bond in vaults of open-hearth furnaces; by the tsentral'naya laboratoriya odnogo iz metallurgicheskikh Kombinatov (Central Laboratory of one of the metallurgic kombinats) on the technology and performance of magnesite bricks on a spinel bond. These vault bricks and bonds are used in open-hearth furnaces to an ever increasing extent and their stability lasts for up to 500 heats. The participants in the conference expressed their conviction that the problems of the industry of refractory products are being successfully solved.

Card 2/2